

Name _____

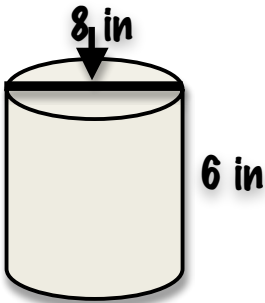
Quiz Review - Sections 1 & 2

Section 1: Surface Area and Volume

Find the surface area and volume for the given cylinders.

1) Find the surface area of a cylinder with a radius of 4.2 cm and a height of 8 cm.

2) Find the volume for the cylinder from #1.



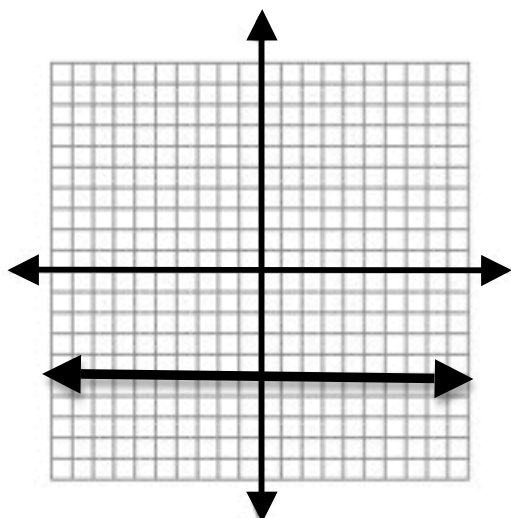
3) Find the surface area for this cylinder.

4) Find the Volume for this cylinder.

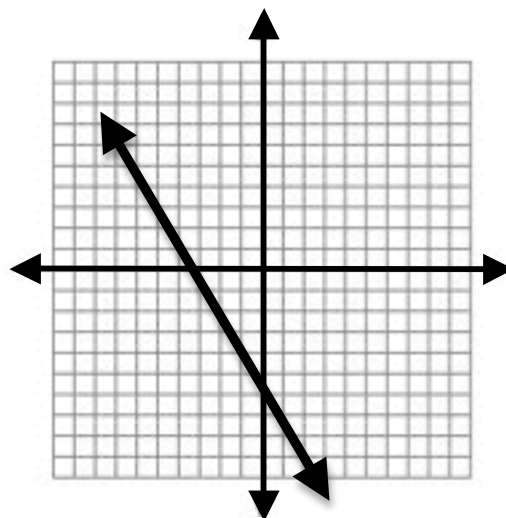
Section 2: Slope-Intercept Form

Identify the type of slope for each of the following graphs: **positive, negative, zero, or undefined.**

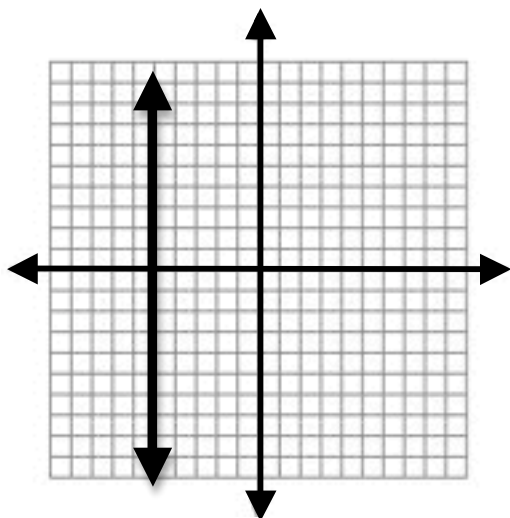
5) Type of slope: _____



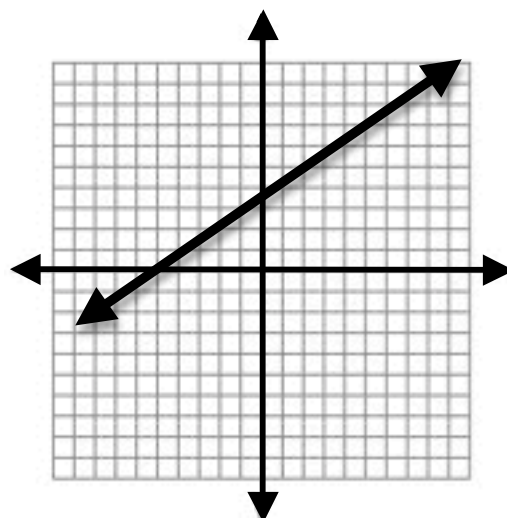
6) Type of slope: _____



7) Type of slope: _____

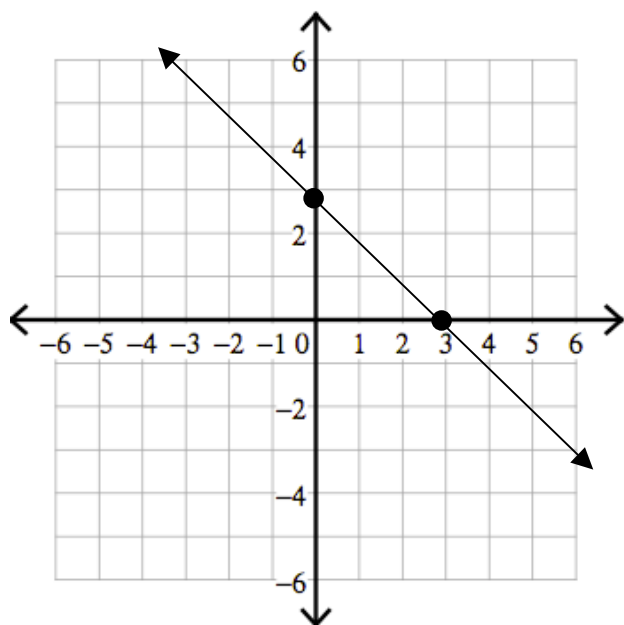


8) Type of slope: _____



Identify the slope, y-intercept, and the equation for the given lines.

9)

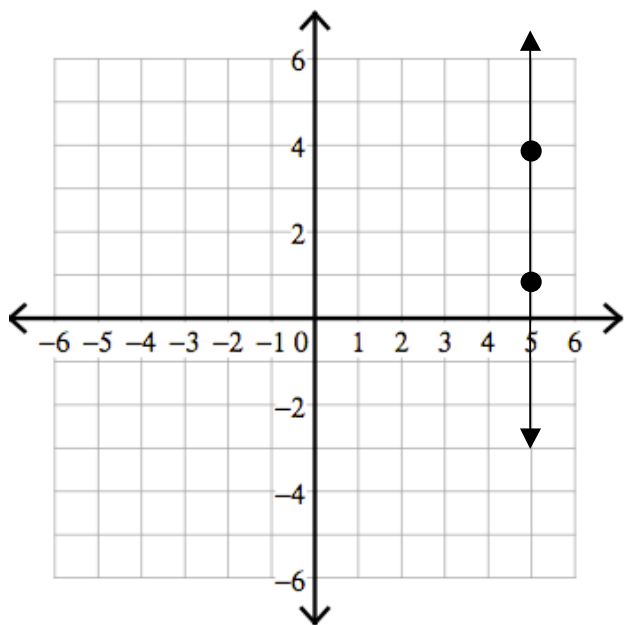


$m =$

$b =$

equation:

11)

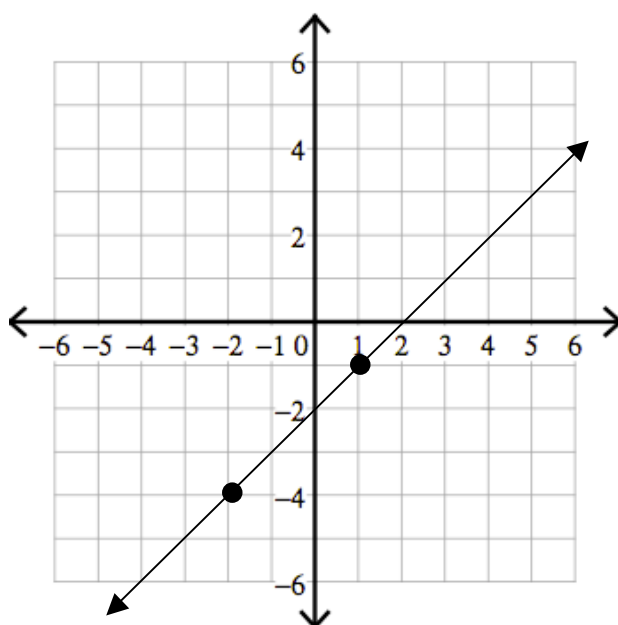


$m =$

$b =$

equation:

10)

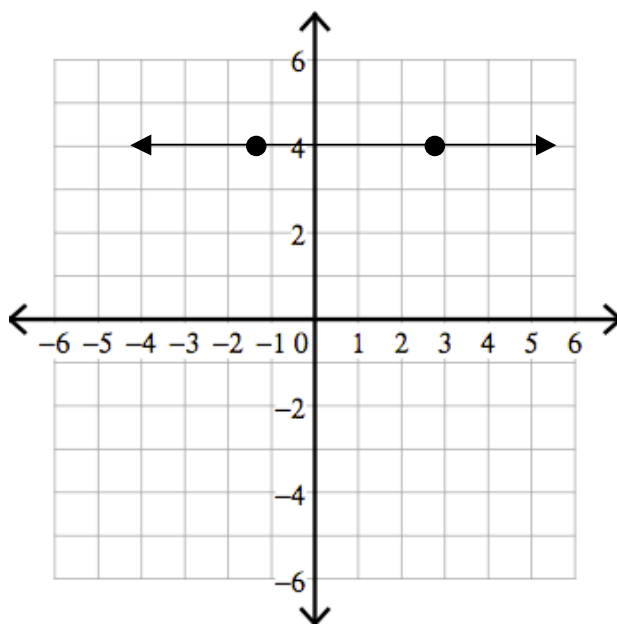


$m =$

$b =$

equation:

12)



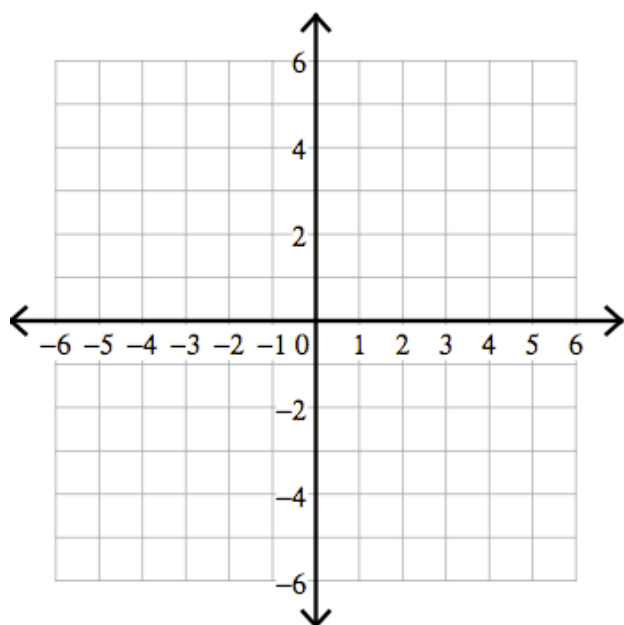
$m =$

$b =$

equation:

Graph the given equations. **BE SURE TO IDENTIFY** the slope and y-intercept.

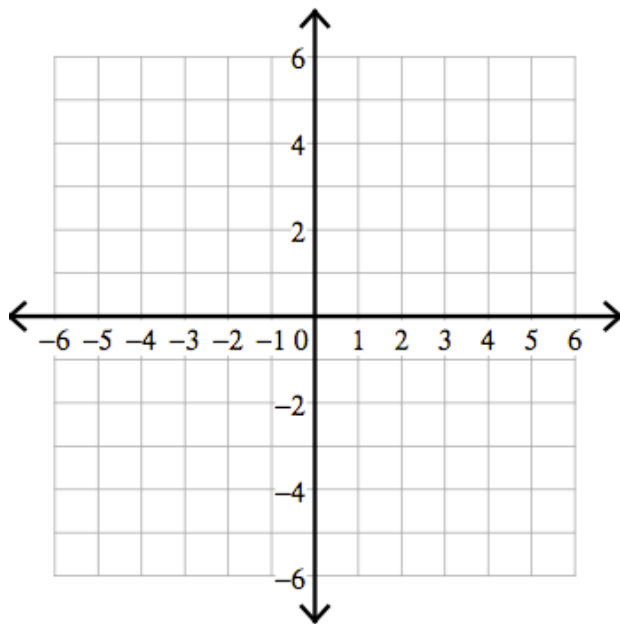
13) $y = \frac{2}{3}x + 3$



$m =$

$b =$

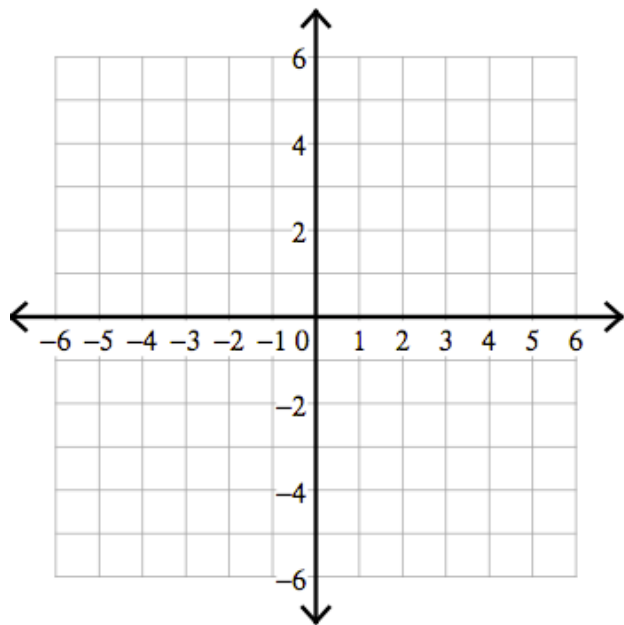
14) $y = 5x - 2$



$m =$

$b =$

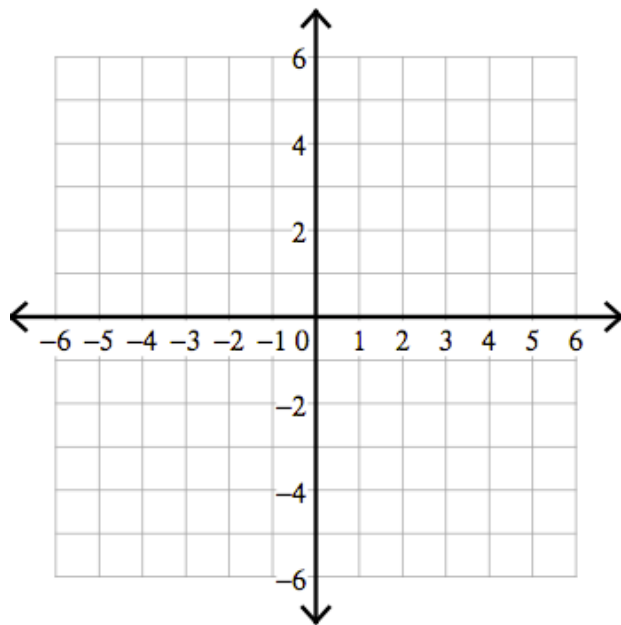
15) $y = -7$



$m =$

$b =$

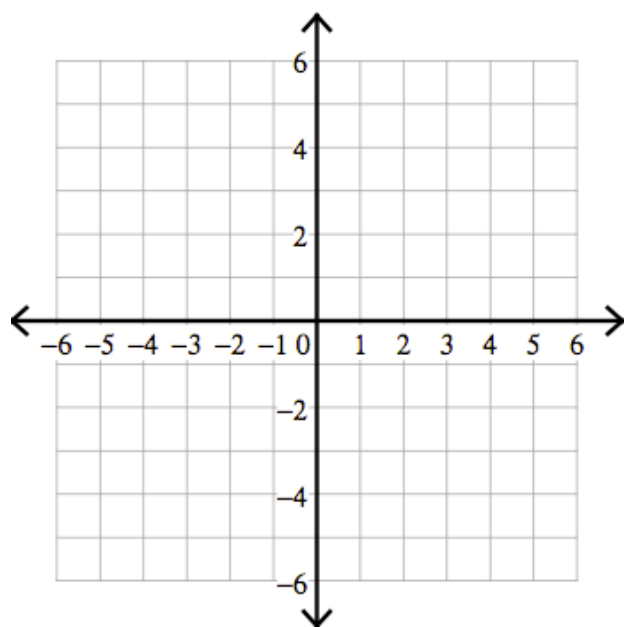
16) $x = 4$



$m =$

$b =$

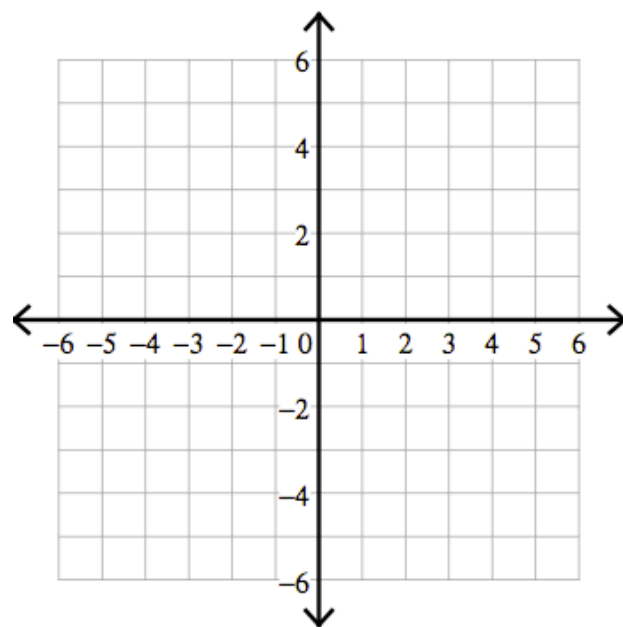
17) $y = -2x - 2$



$m =$

$b =$

18) $y = -\frac{1}{3}x$



$m =$

$b =$